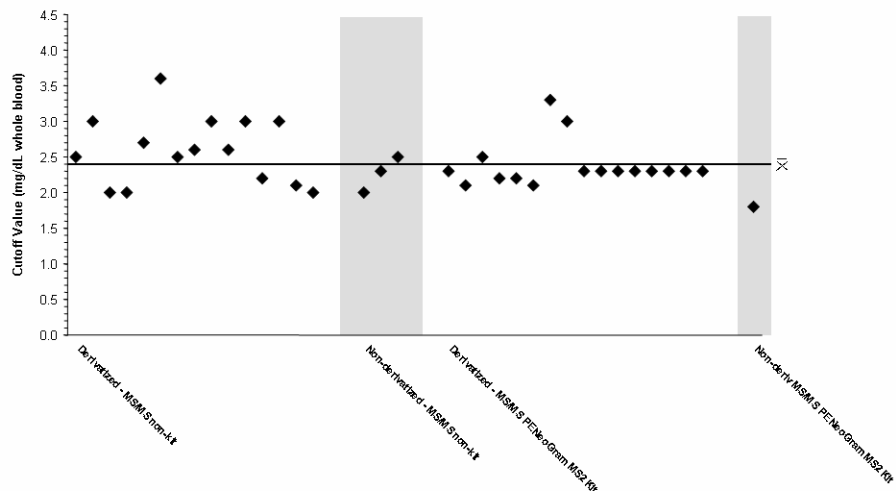
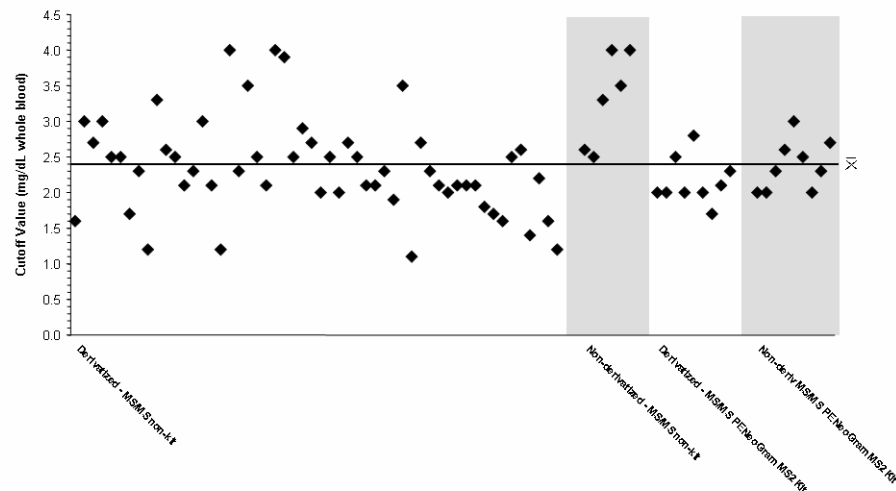


2005 Quarter 4 Lab Cutoff Values by MS/MS Method*

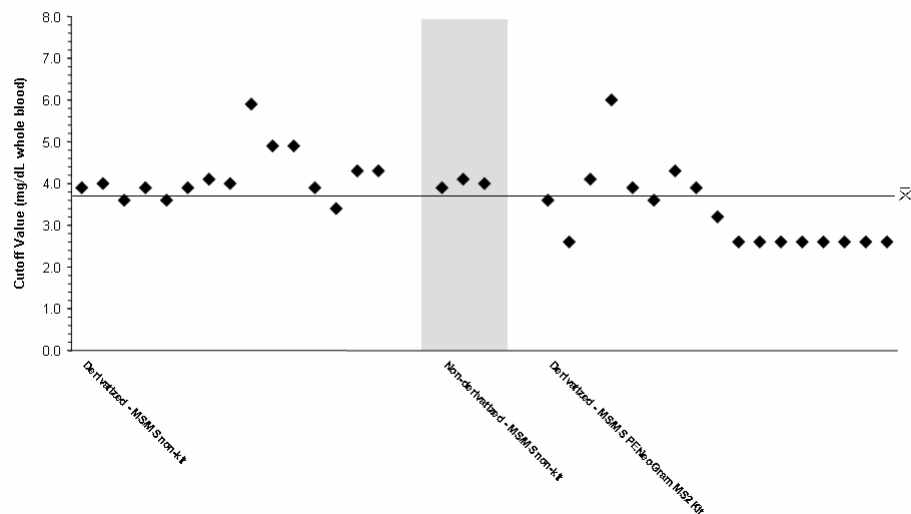
Phenylalanine
2005 Domestic MS/MS Cutoff Values By Method
Mean=2.4 mg/dL Mode=2.3 mg/dL



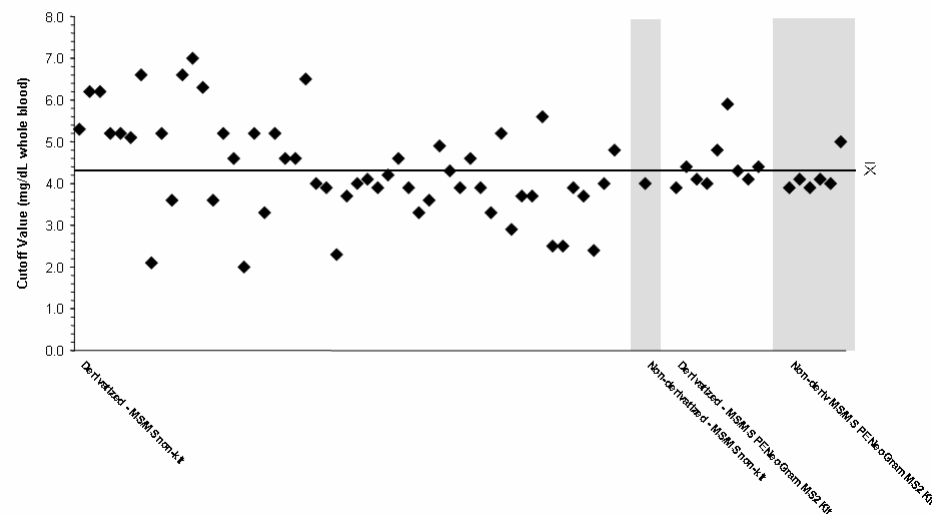
Phenylalanine
2005 International MS/MS Cutoff Values By Method
Mean=2.4 mg/dL Mode=2.5 mg/dL



Leucine
2005 Domestic MS/MS Cutoff Values By Method
Mean=3.7 mg/dL Mode=2.6 mg/dL

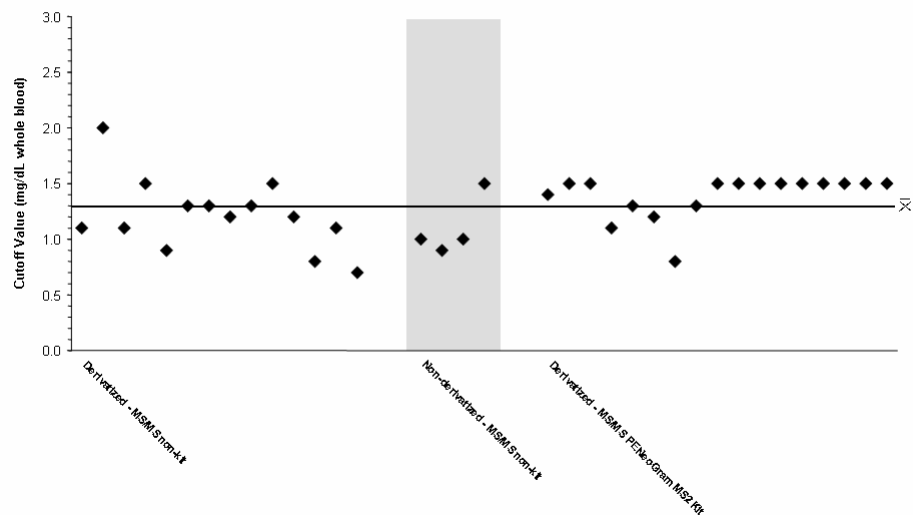


Leucine
2005 International MS/MS Cutoff Values By Method
Mean=4.3 mg/dL Mode=3.9 mg/dL

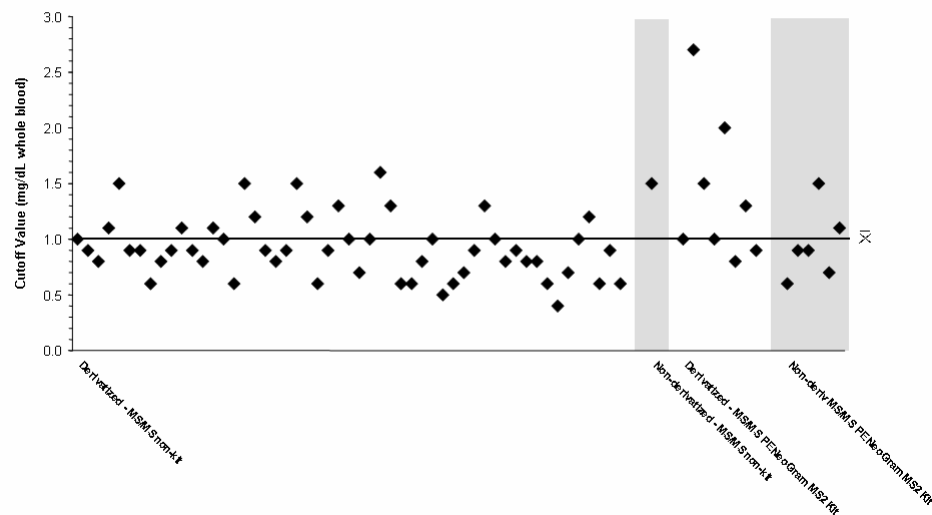


*Cutoff is the decision level for sorting test results that are reported as presumptive positive (outside limits) from results reported as negative (within limits).

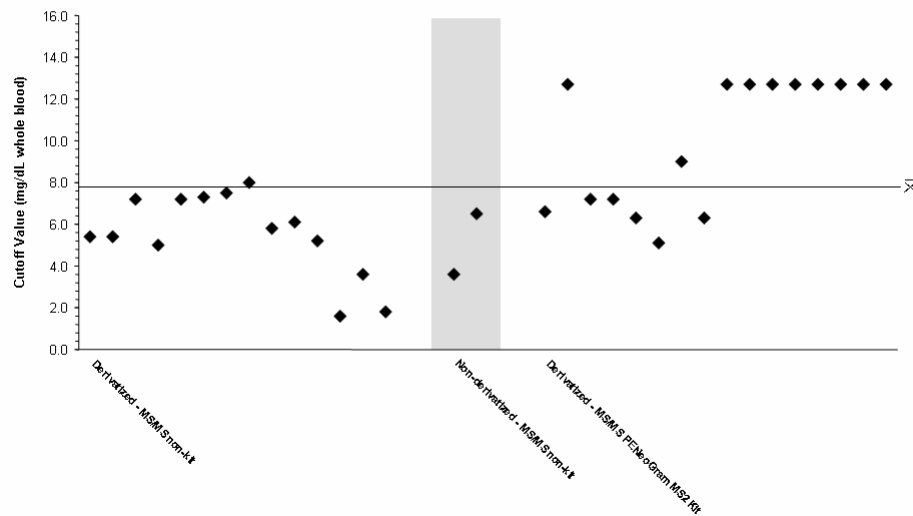
Methionine
2005 Domestic MS/MS Cutoff Values By Method
 Mean=1.3 mg/dL Mode=1.5 mg/dL



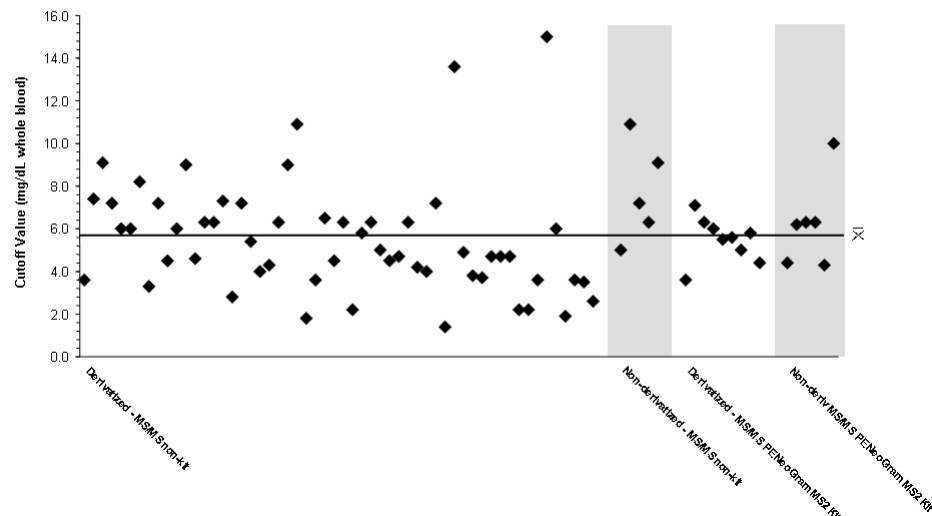
Methionine
2005 International MS/MS Cutoff Values By Method
 Mean=1.0 mg/dL Mode=0.9 mg/dL



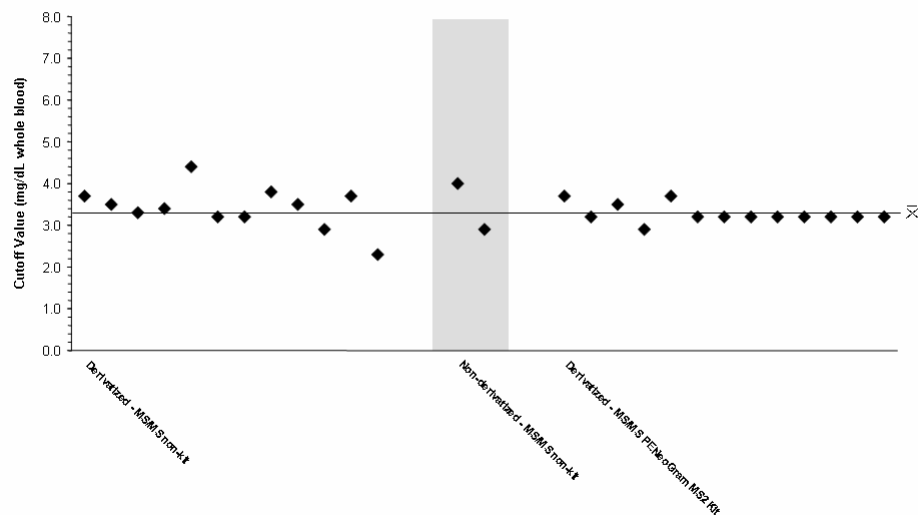
Tyrosine
2005 Domestic MS/MS Cutoff Values By Method
 Mean=7.8 mg/dL Mode=12.7 mg/dL



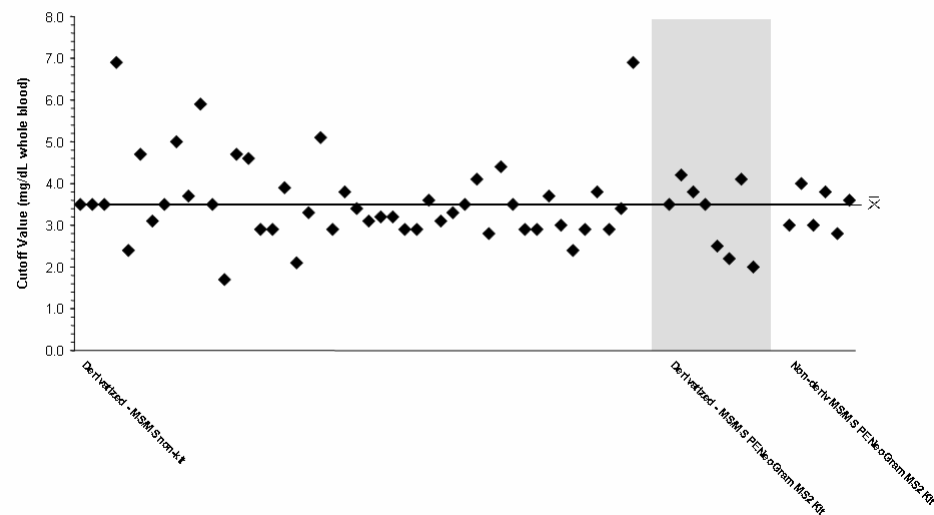
Tyrosine
2005 International MS/MS Cutoff Values By Method
 Mean=5.7 mg/dL Mode=6.3 mg/dL



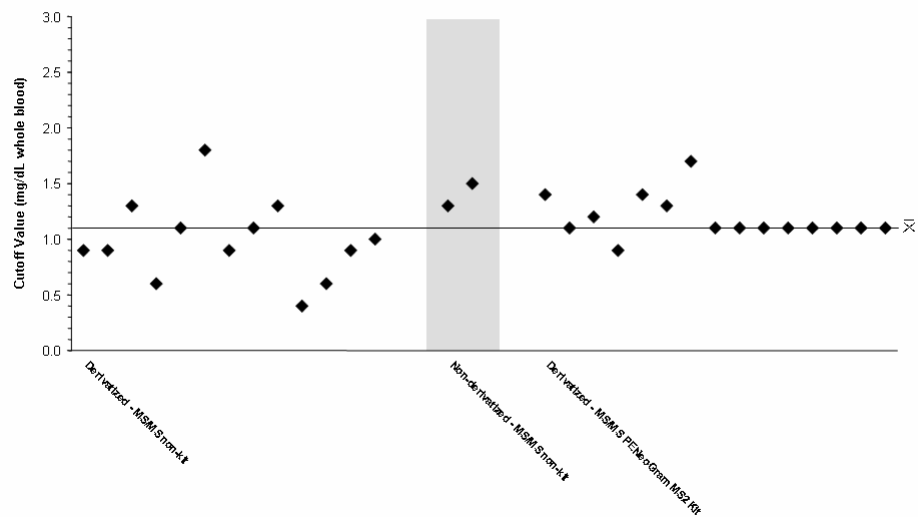
Valine
2005 Domestic MS/MS Cutoff Values By Method
 Mean=3.3 mg/dL Mode=3.2 mg/dL



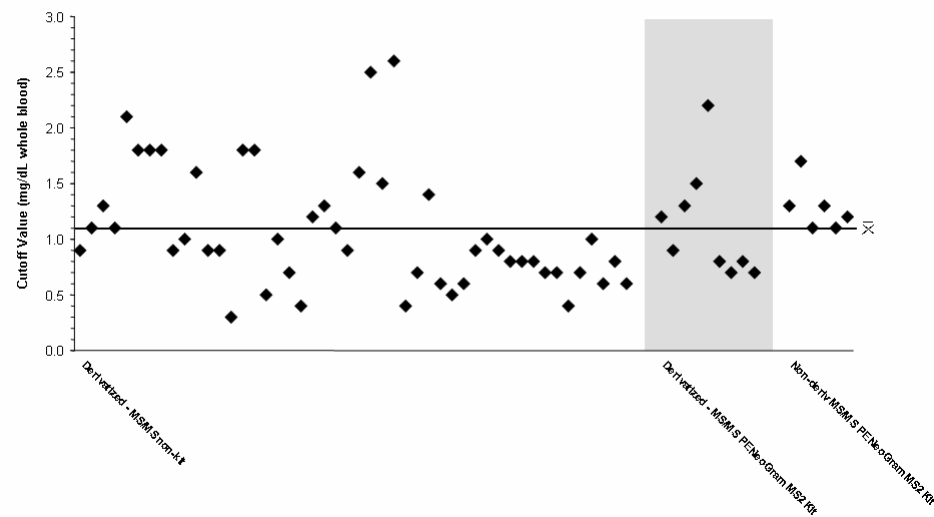
Valine
2005 International MS/MS Cutoff Values By Method
 Mean=3.5 mg/dL Mode=3.5 mg/dL



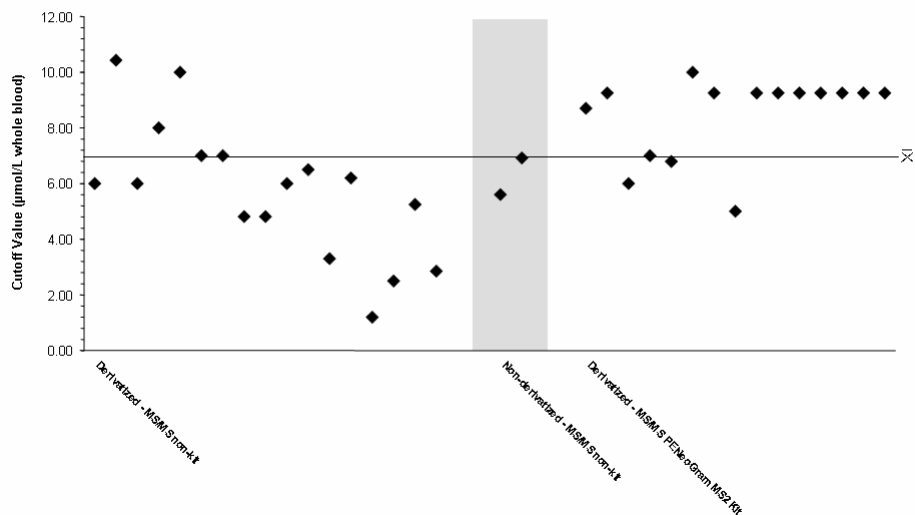
Citrulline
2005 Domestic MS/MS Cutoff Values By Method
 Mean=1.1 mg/dL Mode=1.1 mg/dL



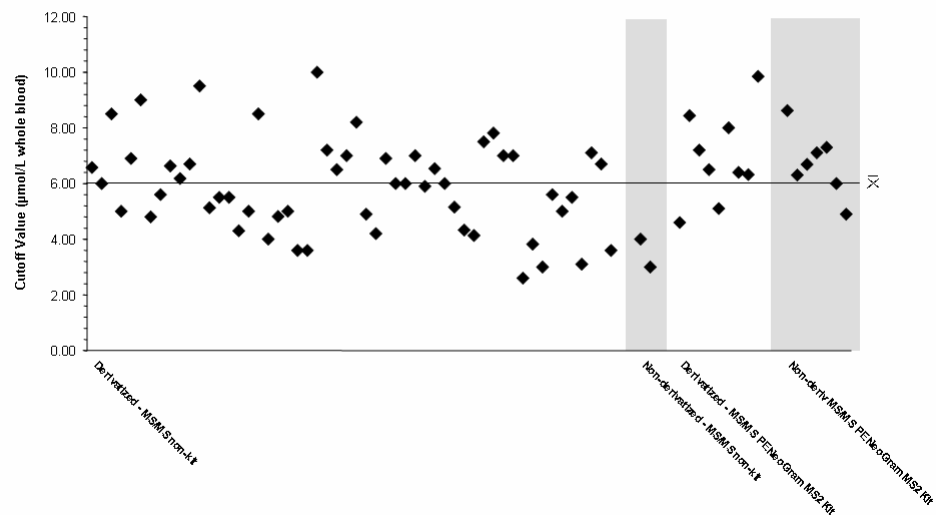
Citrulline
2005 International MS/MS Cutoff Values By Method
 Mean=1.1 mg/dL Mode=0.9 mg/dL



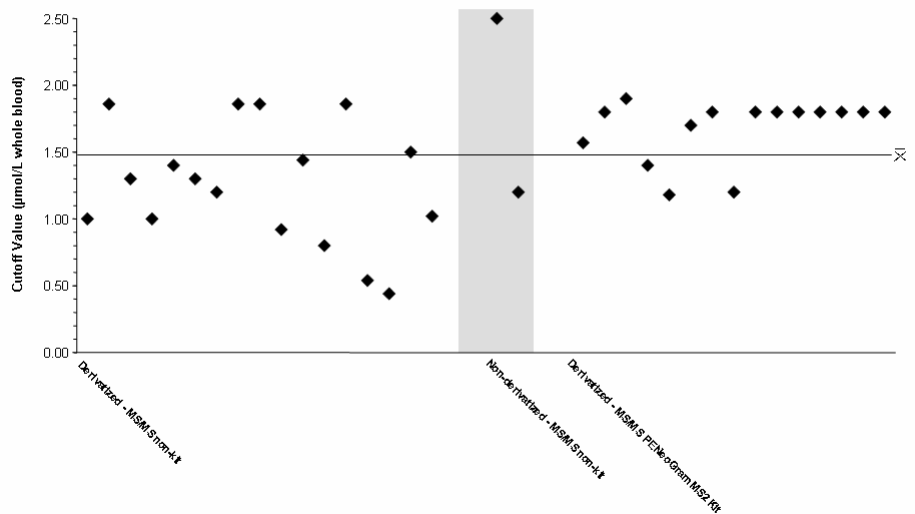
Propionylcarnitine (C3)
2005 Domestic MS/MS Cutoff Values by Method
 Mean=6.97 $\mu\text{mol/L}$ Mode=9.25 $\mu\text{mol/L}$



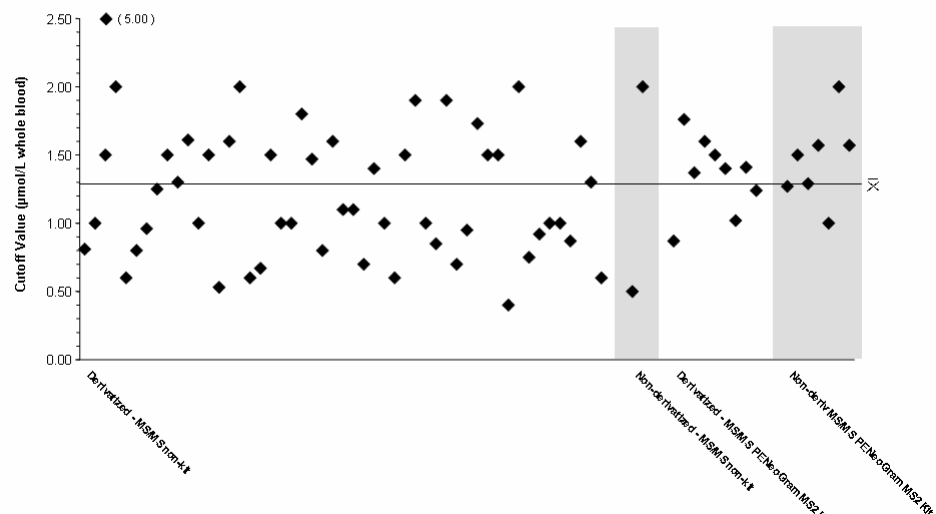
Propionylcarnitine (C3)
2005 International MS/MS Cutoff Values By Method
 Mean=6.03 $\mu\text{mol/L}$ Mode=6.00 $\mu\text{mol/L}$



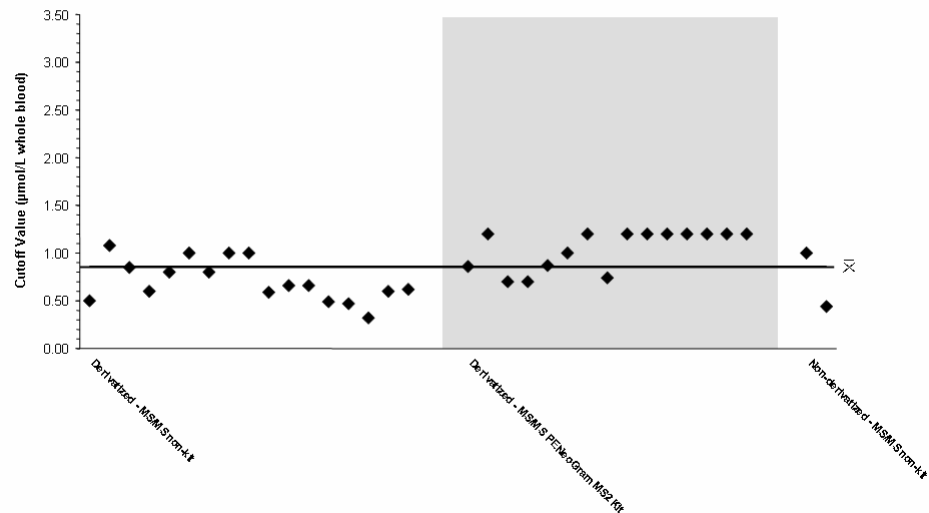
Butyrylcarnitine (C4)
2005 Domestic MS/MS Cutoff Values By Method
 Mean=1.48 $\mu\text{mol/L}$ Mode=1.80 $\mu\text{mol/L}$



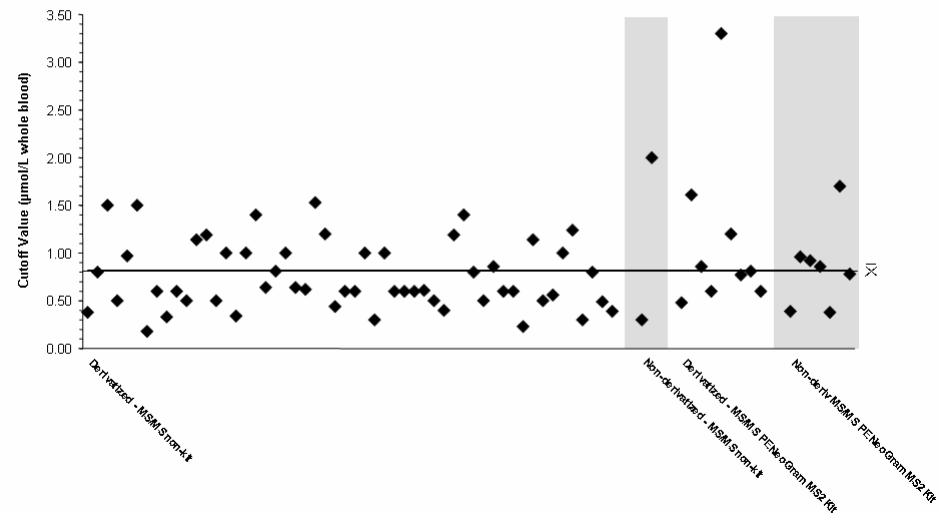
Butyrylcarnitine (C4)
2005 International MS/MS Cutoff Values By Method
 Mean=1.29 $\mu\text{mol/L}$ Mode=1.00 $\mu\text{mol/L}$



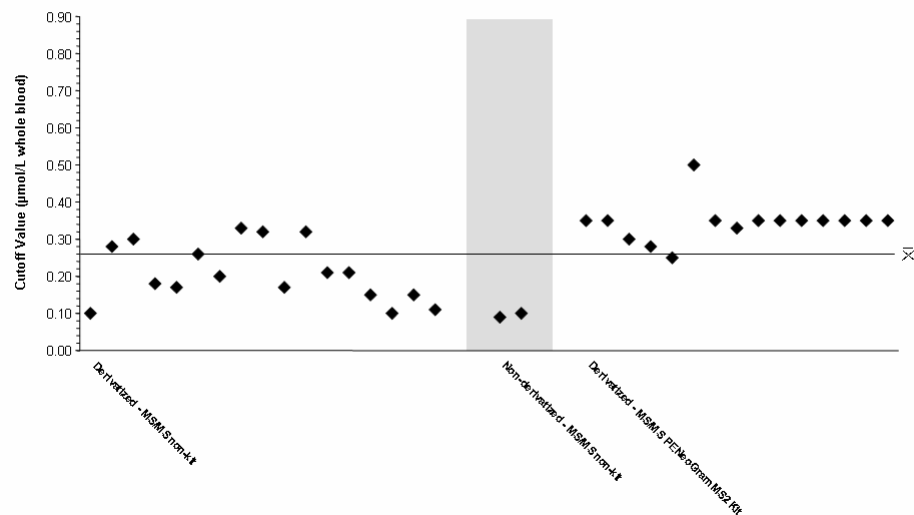
Isovalerylcarnitine (C5)
2005 Domestic MS/MS Cutoff Values By Method
 Mean=0.86 $\mu\text{mol/L}$ Mode=1.20 $\mu\text{mol/L}$



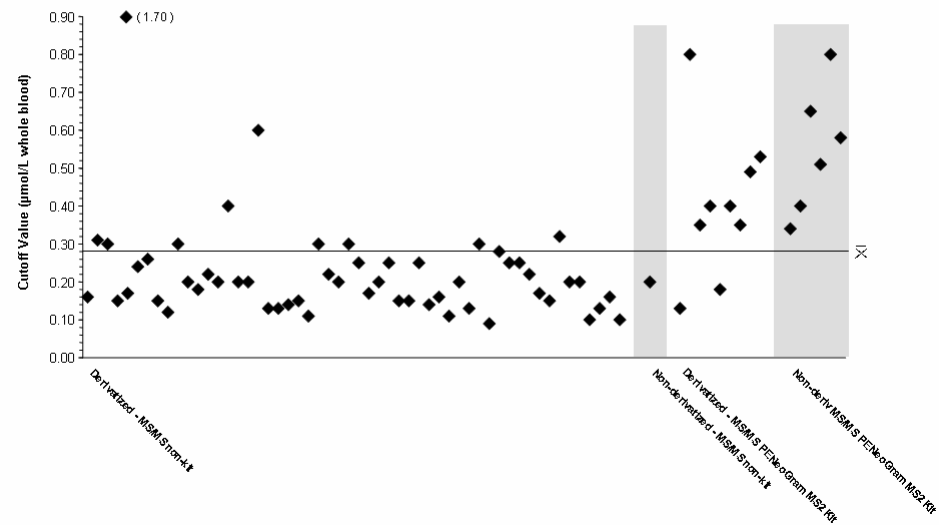
Isovalerylcarnitine (C5)
2005 International MS/MS Cutoff Value by Method
 Mean=0.82 $\mu\text{mol/L}$ Mode=0.60 $\mu\text{mol/L}$



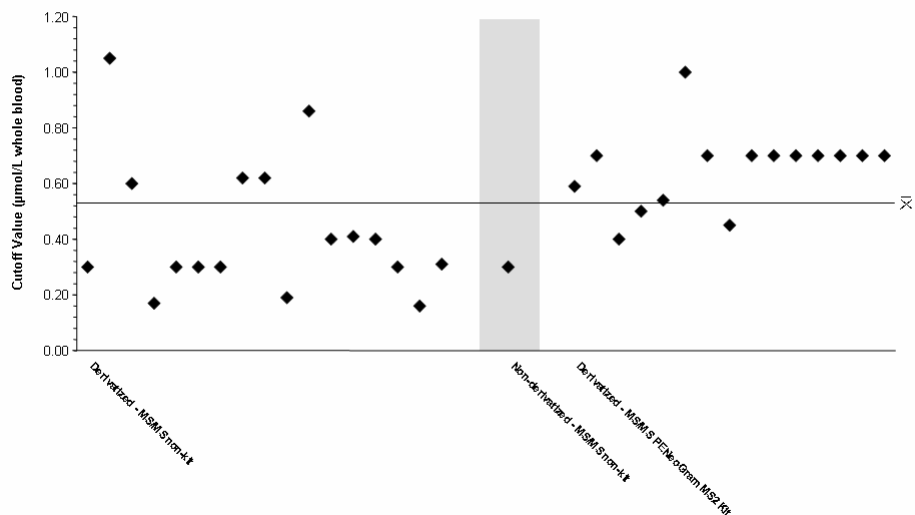
Glutarylcarnitine (C5DC)
2005 Domestic MS/MS Cutoff Value By Method
 Mean=0.26 $\mu\text{mol/L}$ Mode=0.35 $\mu\text{mol/L}$



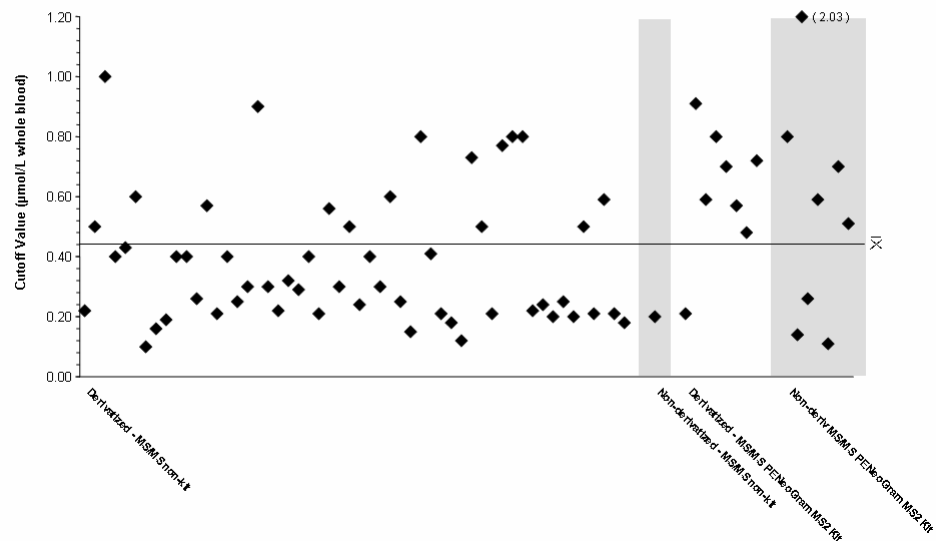
Glutarylcarnitine (C5DC)
2005 International MS/MS Cutoff Values By Method
 Mean=0.28 $\mu\text{mol/L}$ Mode=0.20 $\mu\text{mol/L}$



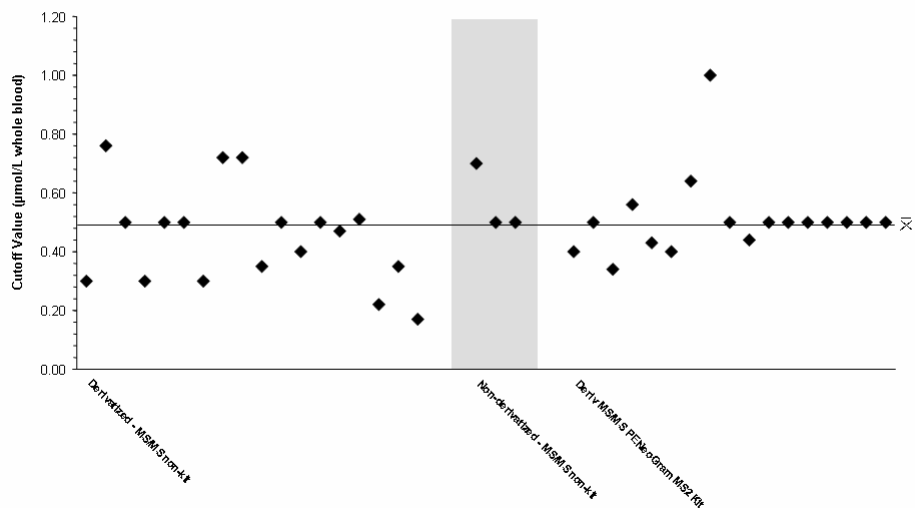
Hexanoylcarnitine (C6)
2005 Domestic MS/MS Cutoff Values By Method
 Mean=0.53 $\mu\text{mol/L}$ Mode=0.70 $\mu\text{mol/L}$



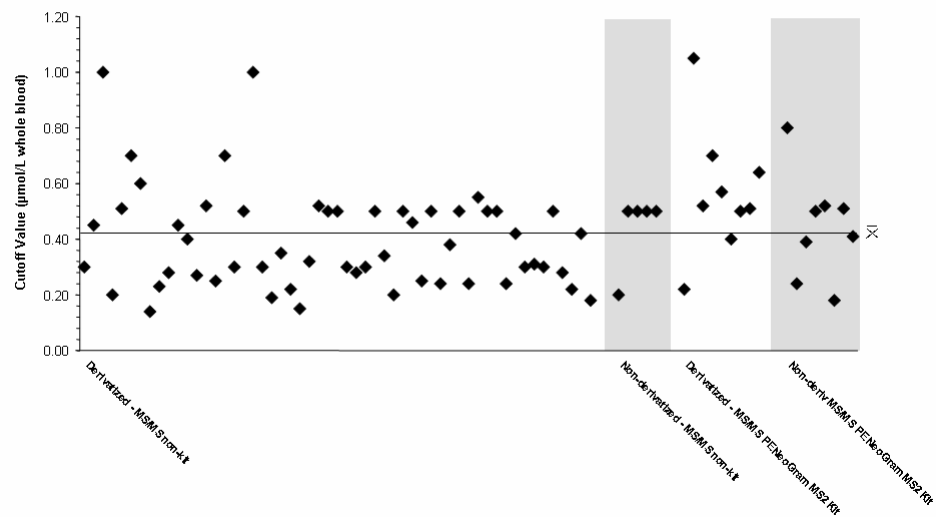
Hexanoylcarnitine (C6)
2005 International MS/MS Cutoff Values By Method
 Mean=0.44 $\mu\text{mol/L}$ Mode=0.21 $\mu\text{mol/L}$



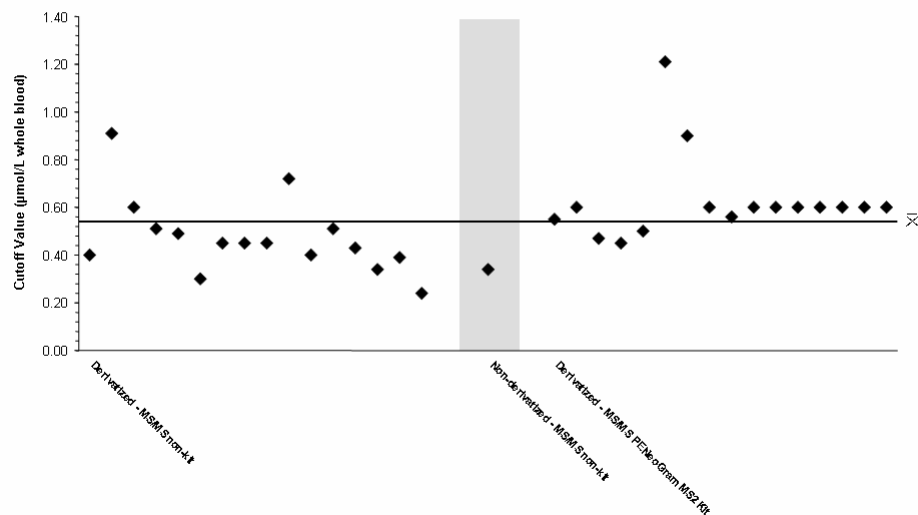
Octanoylcarnitine (C8)
2005 Domestic MS/MS Cutoff Values By Method
 Mean=0.49 $\mu\text{mol/L}$ Mode=0.50 $\mu\text{mol/L}$



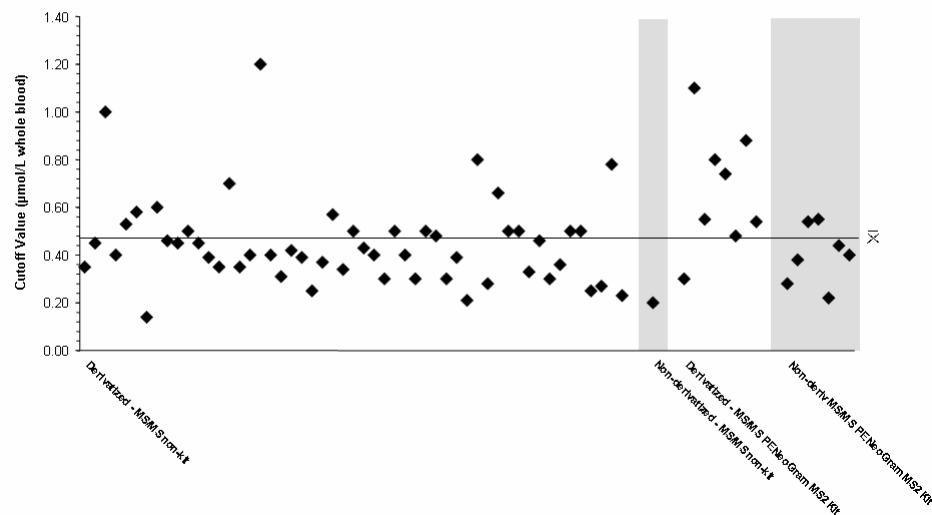
Octanoylcarnitine (C8)
2005 International MS/MS Cutoff Value By Method
 Mean=0.42 $\mu\text{mol/L}$ Mode=0.50 $\mu\text{mol/L}$



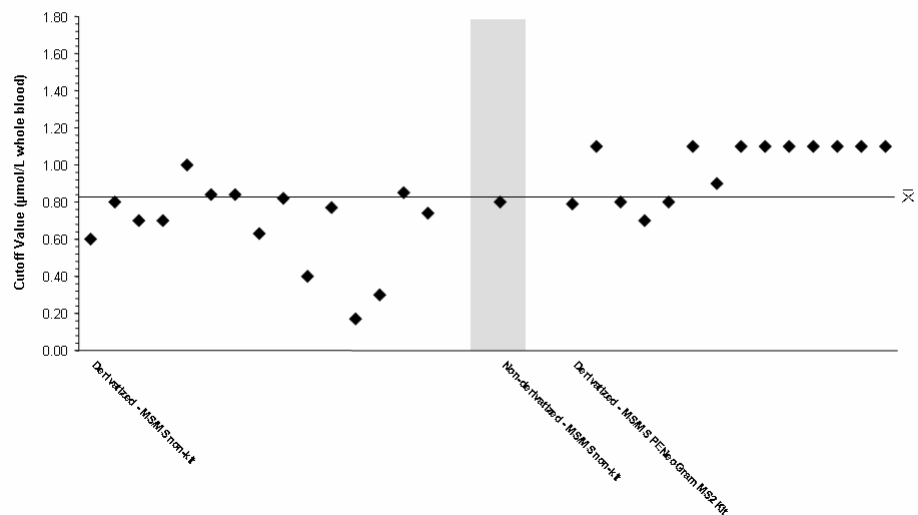
Decanoylcarnitine (C10)
2005 Domestic MS/MS Cutoff Values By Method
 Mean=0.54 $\mu\text{mol/L}$ Mode=0.60 $\mu\text{mol/L}$



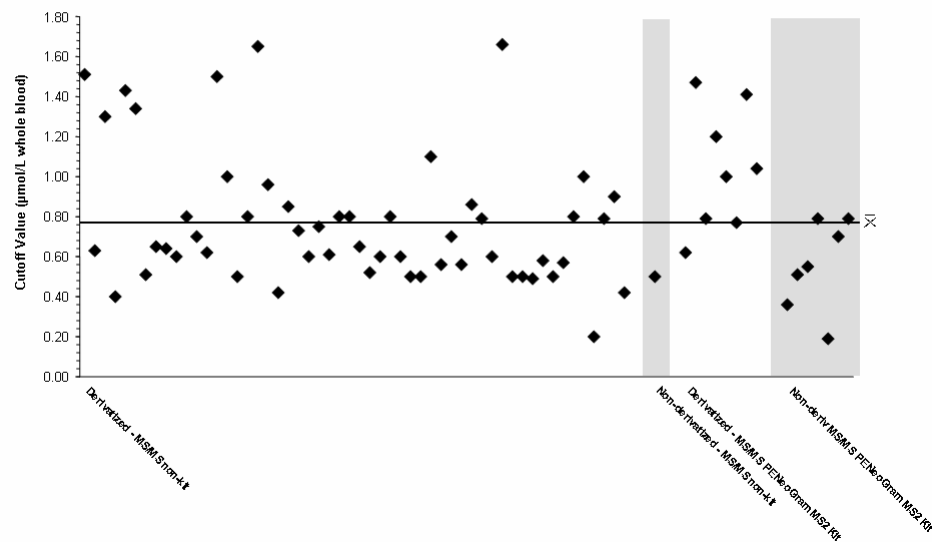
Decanoylcarnitine (C10)
2005 International MS/MS Cutoff Values By Method
 Mean=0.47 $\mu\text{mol/L}$ Mode=0.50 $\mu\text{mol/L}$



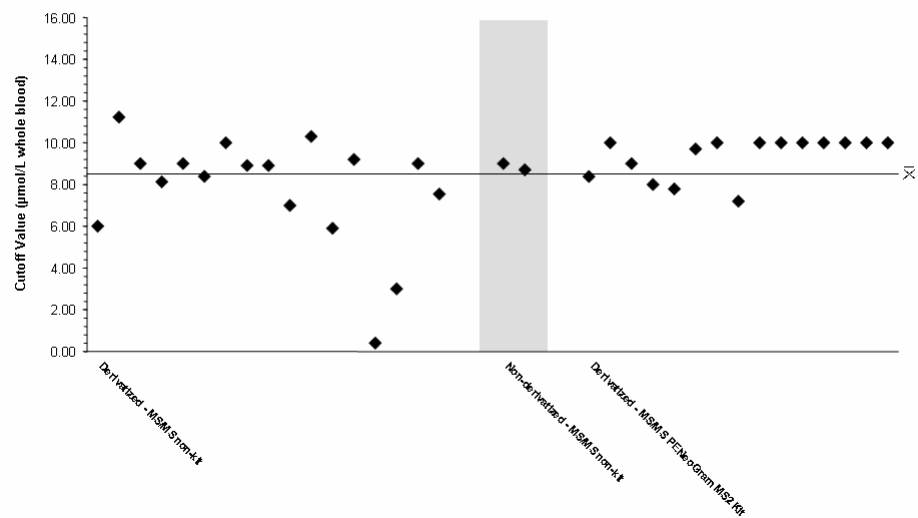
Myristoylcarnitine (C14)
2005 Domestic MS/MS Cutoff Values By Method
 Mean=0.83 $\mu\text{mol/L}$ Mode=1.10 $\mu\text{mol/L}$



Myristoylcarnitine (C14)
2005 International MS/MS Cutoff Values By Method
 Mean=0.77 $\mu\text{mol/L}$ Mode=0.50 $\mu\text{mol/L}$



Palmitoylcarnitine (C16)
2005 Domestic MS/MS Cutoff Values By Method
 Mean=8.52 $\mu\text{mol/L}$ Mode=10.00 $\mu\text{mol/L}$



Palmitoylcarnitine (C16)
2005 International MS/MS Cutoff Values By Method
 Mean=7.85 $\mu\text{mol/L}$ Mode=8.00 $\mu\text{mol/L}$

